ABSTRACT

TITLE:
Method and device for obtaining a low-noise optical signal

APPLICANT:
JOBIN YVON S.A.S.

INVENTOR:
LE MARCHAND Alain

The invention relates to a method and a device for obtaining a low-noise optical signal.

According to the method, a luminous beam is injected through two apertures and after detection respectively a basic optical signal (21) and a corrective optical signal (22) are generated. Both optical signals obtained (21, 22) are subtracted, so that a resulting optical signal is generated, forming the low-noise optical signal. The apertures are preferably two slits of a spectroscope, the optical signals being expressible relative to the wavelength.

FIGURE 3